

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	73	702/157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:12
L3	804	157/13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:12
L4	2	((tire or tyre) and (measur\$5 or sens\$3 or determin\$3 or detect\$3) same (point or locat\$3 or position or plane) same circumferen\$4 same (virtual with tread with profile)).clm.	US-PGPUB	OR	ON	2006/05/25 14:12
L5	0	2 and 4	US-PGPUB	OR	ON	2006/05/25 14:13
L6	0	3 and 4	US-PGPUB	OR	ON	2006/05/25 14:13
S1	66	702/157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/13 10:23
S3	5909	tire\$1 and tread\$1 and surface and circumferential and plan\$1 and peripheral and ((radial with runout) or nonuniformit\$3 or (non adj uniformit\$3)) and (radial with distance\$1) and (vibrat\$3 with rotat\$3) and (correct\$3 or adjust\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:31
S4	2	tire\$1 and tread\$1 and (circumferential with plan\$1) and (peripheral with surface) and ((radial with runout) or nonuniformit\$3 or (non adj uniformit\$3)) and (radial with distance\$1) and (vibrat\$3 with rotat\$3) and (correct\$3 or adjust\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 09:20
S5	2	tire\$1 and tread\$1 and (circumferential with plan\$1) and (peripheral with surface) and (radial with distance\$1) and (vibrat\$3 with rotat\$3) and (correct\$3 or adjust\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 18:29
S6	6	tire\$1 and tread\$1 and (circumferential with plan\$1) and (radial with distance\$1) and (vibrat\$3 with rotat\$3) and (correct\$3 or adjust\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 18:42
S7	91	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 18:50

## EAST Search History

S8	2	"5485406".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 18:45
S9	27	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and (grind\$3 or (remov\$3 with rubber))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 19:25
S10	2	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and template	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 19:26
S11	90	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and ( template or pattern or model or shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:32
S12	56	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and ( template or pattern or model)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 19:28
S13	13	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and ( template or pattern or model) and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/11 19:28
S14	19	tire\$1 and (((remov\$3 or grind\$) with rubber with tread) same (computer or controller) same (location or magnitude or (radial with runout)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/12/15 15:04
S15	99	("6129530" "4268096" "4288190" "4579510" "5284232" "5325948" "5651337" "5932858" "5959381" "6056517" "6213733" "6213733" "4270314" "4346645" "4387892" "4422771" "4470211" "4470764" "4492125" "4542995" "4800309" "4821847" "4832638" "4834652" "4895235" "4896603" "5242035" "5248270" "5255499" "5267840" "5290155" "5373927" "5433298" "5557976" "5615582" "5680912" "5751080" "5816379" "5837295" "5853248" "5862902" "5871331" "5924186" "5931281" "5949161" "5953959" "5957589" "5973429" "5993173" "5997257").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:26
S16	2983	310/90.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:27

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S17	365	417/319.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:27
S18	353	192/70.3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:27
S26	3	tire\$1 and tread\$1 and surface and circumferential and plan\$1 and peripheral and ((radial with runout) or nonuniformit\$3 or (non adj uniformit\$3)) and (radial with distance\$1) and (vibrat\$3 with rotat\$3) and (correct\$3 or adjust\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:31
S27	94	tire\$1 and tread\$1 and circumferential\$2 and (radial with distance\$1) and (vibrat\$4) and (correct\$3 or adjust\$3 or remov\$3) and rim and ( template or pattern or model or shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:34
S33	1	S16 and tire and tread	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:37
S34	0	S18 and tire and tread	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:38
S35	0	S17 and tire and tread	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:44
S36	68	702/157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:37
S37	1	S36 and tire and tread	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:37
S38	12	S16 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:45
S39	0	S18 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:38

## EAST Search History

S40	6	S17 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:40
S41	175	702/167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:40
S42	4	S41 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:41
S43	1473	451/28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:41
S44	43	S43 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:42
S45	1509	73/146.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:41
S46	1110	S45 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:42
S47	473	S46 and tread	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:43
S48	79	S47 and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:43
S49	258	702/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:45
S50	348	702/41.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:45

## EAST Search History

S51	4	S49 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:45
S53	22	S50 and tire	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/06/24 11:45
S56	39	(tire or tyre) and (tread or lug) and (circumferen\$4 with plane same (location or position or point) same (measur\$5 or determin\$3 or estimat\$3) with radial\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/02 09:33
S57	1	(tire or tyre) and (tread or lugs) and (circumferen\$4 with planes same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with radial\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 09:34
S58	107	(tire or tyre) and (tread or lug) and (circumferen\$4 with plane same (location or position or point) same (measur\$5 or determin\$3 or estimat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/02 09:33
S59	5	(tire or tyre) and (tread or lugs) and (circumferen\$4 with planes same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 09:56
S60	350	(tire or tyre) and (tread or lugs) and (circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 10:38
S61	18	(tire or tyre) and (tread or lugs) and ((plurality or several) near3 circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 09:58
S62	2	(tire or tyre) and (tread or lugs) and ((plurality or several) near3 circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with (radial or runout))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 10:00
S63	2	(tire or tyre) and (tread or lugs) and ((plurality or several) near3 circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with (radial or run adj out))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 10:00
S64	3	(tire or tyre) and (tread or lugs) and (circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with low\$3 near4 point\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 10:39

## EAST Search History

S65	3	(tire or tyre) and (tread or lugs) and (circumferen\$4 same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with low\$3 near4 point\$1) and profile\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/03 09:24
S66	2	"6075594".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 11:39
S67	2	"20030174326"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/02 11:39
S68	3	(tire or tyre) and (tread or lugs) and circumferen\$4 with (plurality or multiple or several or number) same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with (radial or run adj out or point) and profile\$1 with (point or radial or measurement)	US-PGPUB	OR	ON	2006/02/03 09:31
S69	2	((tire or tyre) and (tread or lugs) and circumferen\$4 with (plurality or multiple or several or number) same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with (radial or run adj out or point) and profile\$1 with (point or radial or measurement)).clm.	US-PGPUB	OR	ON	2006/02/03 10:02
S70	2	((tire or tyre) and (tread or lugs) and circumferen\$4 with (plurality or multiple or several or number) same (locations or positions or points) same (measur\$5 or determin\$3 or estimat\$3) with (radial or run adj out or point) and profile\$1 with (point or radial or measurement)).clm.	US-PGPUB	OR	ON	2006/02/03 10:04
S72	72	702/157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/03 10:06
S73	189	702/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/03 10:06
S74	0	S70 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/03 10:06

## EAST Search History

S75	0	S70 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/03 10:08
S76	2	"20040068374"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/03 13:36
S77	1122	(tire or tyre) and (cutting or cutter or removing or truing or grind\$3 or truer) with (moving or movable or mount\$3 or pivot\$4) near5 (vertical\$3 or z adj axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:37
S78	851	(tire or tyre) and (cutting or cutter or removing or truing or grind\$3 or truer) with (moving or movable or mount\$3 or pivot\$4) near3 (vertical\$3 or z adj axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:29
S79	202	(tire or tyre) and (cutting or cutter or removing or truing or grind\$3 or truer) with (pivot\$4) near3 (vertical\$3 or z adj axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:29
S80	180	(tire or tyre) and (cutting or cutter or truing or grind\$3 or truer) with (pivot\$4) near3 (vertical\$3 or z adj axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:29
S81	1	S80 and (guide adj rail with bearing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:30
S82	1	S80 and (guide adj rail with bearings)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:30
S83	10	S80 and (guide adj rail)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:31

## EAST Search History

S84	1124	(tire or tyre) and (cutting or cutter or removing or truing or grind\$3 or truer) with (moving or movable or mount\$3 or pivot\$4) near5 (vertical\$3 or z adj (axis or direction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:19
S85	5	S84 and (guide adj rail with bearings)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 07:32
S86	58	S84 and (guide adj rail)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:40
S87	705	400/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 09:53
S88	326	S87 and carriage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 10:08
S89	2	S88 and (linear adj bearing\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 10:16
S90	45	truing adj device and tire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 10:17
S91	54	truing adj device and tire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:17
S92	1	(tire or tyre) and (cutting or cutter or remov\$3 or truing) near5 (tread or tunout or run adj out) same (guide or guiding) near4 rail with bearing same movable with (carriage or base or portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:26



## EAST Search History

S93	2	(tire or tyre) and (cutting or cutter or remov\$3 or truing) near5 (tread or tunout or run adj out) same (guide or guiding) near4 rail with bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:27
S94	5	(tire or tyre) and (cutting or cutter or remov\$3 or truing) near5 (tread or tunout or run adj out) same (guide or guiding) near4 rail same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:28
S95	46	(tire or tyre) and (cutting or cutter or remov\$3 or truing or grind\$3) near5 (tread or tunout or run adj out or surface or tire) same (guide or guiding) near4 rail same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:33
S96	40	(tire or tyre) and (cutting or cutter or remov\$3 or truing or grind\$3) near5 (tread or tunout or run adj out or surface or tire) same (guide or guiding) near4 rail same bearing same (carriage or base or portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:35
S97	1	(tire or tyre) and (cutting or cutter or remov\$3 or truing or grind\$3) near5 (tread or tunout or run adj out or surface or tire) same (guide or guiding) near4 rail same bearing same sled with bearings	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:35
S98	5	"3003545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:41
S99	2	"5485406".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:40
S10 0	2	"3848501".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/08 10:41
S10 1	4062	flow adj parameter\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 15:03

## EAST Search History

S10 2	149	"702"/\$.ccls. and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 15:04
S10 3	615	flow adj parameter\$1 with fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/08 15:04
S10 4	42	"702"/\$.ccls. and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/09 14:45
S10 5	123	controll\$4 with automobil\$4 with engine adj1 controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/09 14:47
S10 6	1921	voltage with power adj1 factor adj1 correct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/09 14:48
S10 7	191	voltage adj1 power adj1 factor adj1 correct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/09 14:49
S10 8	5	referenc\$4 with voltage adj1 power adj1 factor adj1 correct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/09 14:49
S10 9	1	((tire or tyre) and (measur\$5 or sens\$3 or determin\$3 or detect\$3) same radial same (point or locat\$3 or position or plane) same circumferen\$4 same tread with shoulder same (virtual with tread with profile)).clm.	US-PGPUB	OR	ON	2006/05/25 13:29
S11 0	2	((tire or tyre) and (measur\$5 or sens\$3 or determin\$3 or detect\$3) same (point or locat\$3 or position or plane) same circumferen\$4 same (virtual with tread with profile)).clm.	US-PGPUB	OR	ON	2006/05/25 14:12